4. Electrical Parts List

Loc.No	Part No	Description ; Specification	Remark
P001		**ASSY PCB-MAIN**	
AC18	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
AC19	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
AC20	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
AC21	2203-000315	C-CER,CHIP;0.12NF,5%,50V,C0G,TP,1608	
AC22	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
AC23	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	
AC24	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
AC25	2203-000315	C-CER,CHIP;0.12NF,5%,50V,C0G,TP,1608	
AC26	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	
AC27	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
AD1	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
AD2	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
AD3	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
AD4	0401-000008	DIODE-SWITCHING;DAN217,80V,100MA,SOT-23,	
ADJ1	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ADR1	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
AE10	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
AE11	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
AE12	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
AE13	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
AE14	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
AE15	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,5	
AE16	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
AE3	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
AE5	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
AE6	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
AE8	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
AE9	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
AIC2	1002-001294	IC-D/A CONVERTER;PCM1742KE,24BIT,TSSOP,1	
AIC4	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
AL1	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
AL2	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
AQ1	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
AQ2	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
AQ3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
AQ4	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
AQ5	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
AQ6	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
AQ7	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
AQ8	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
AQ9	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
AR14	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
AR15	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
AR16	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
AR17	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
AR28	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
AR29	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
AR30	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
AR31	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
AR41	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
AR42	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
AR43	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
AR44	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
AR45	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
AR46	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
AR47	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
AR48	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
AR49	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
AR50	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
AR52	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	

Loc.No	Part No	Description ; Specification	Remark
AR54	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
AR55	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
ASR70	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ASR71	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ASR75	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
ASR76	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
DCN1	3708-001696	CONNECTOR-FPC/FFC/PIC;24P,1MM,STRAIGHT,S	
DCN2	3708-001266	CONNECTOR-FPC/FFC/PIC;11P,1MM,STRAIGHT,S	
DOC1	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	
DOC2	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
DOC3	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
DOC4	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
DOE1	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5	
DOIC1	AH14-10004R	IC;M74HCU04,SOP,TAPE 14P	
DOL1	2901-001125	FILTER-EMI ON BOARD;50V,0.5A,-,220pF,7x2	
DOL2	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
DOL3	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
DOR1	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
DOR2	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
DOR3	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
DQ1	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
DQ2	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
DQ3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
DR1	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR2	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR3	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
DR4	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR5	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR6	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
FC1	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	
FC10	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
FC11	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,TP,1608	
FC12	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
FC2	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,TP,1608	
FC3	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	
FC4	2203-000669	C-CER,CHIP;27nF,10%,25V,X7R,TP,1608,-	
FC5	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,1608,-	
FC6	2203-000669	C-CER,CHIP;27nF,10%,25V,X7R,TP,1608,-	
FC8	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
FC9	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	
FE1	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
FE2	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
FE3	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
FIC1	1003-001661	IC-MOTOR DRIVER;FAN8004,HQFP,48P,13.2x13	
FR1	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	
FR10	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
FR11	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	
FR12	2007-000329	R-CHIP;11Kohm,5%,1/10W,TP,1608	
FR13	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
FR14	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR15	2007-000655	R-CHIP;27Kohm,5%,1/10W,TP,1608	
FR16	2007-007277	R-CHIP;392ohm,1%,1/10W,TP,1608	
FR17	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR18	2007-000127	R-CHIP;9.1Kohm,5%,1/10W,TP,1608	
FR19	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR2	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR20	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR21	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
FR22	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
FR23	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR24	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	

Loc.No	Part No	Description ; Specification	Remark
FR25	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR26	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
FR28	2007-007277	R-CHIP;392ohm,1%,1/10W,TP,1608	
FR3	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	
FR30	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
FR31	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
FR32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
FR33	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
FR34	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
FR35	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
FR36	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
FR37	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
FR39	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	
FR4	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
FR41	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
FR5	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR7	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR8	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR9	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
JACK2	3722-002097	JACK-PIN;7P+4P,Ni,BLK,ANGLE	
KC1	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,TP,1608,-	
KC2	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
KD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
KE1	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
KE2	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
KIC1	1203-001252	IC-VOL. DETECTOR;7545,TO-92,3P,-,PLASTIC	
KIR1	AD32-00010A	MODULE REMOCON;PIC-2604 SM1,37.9KHz,940n	
KQ1	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
KQ2	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
KQ3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
KR1	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
KR10	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
KR11	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
KR12	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
KR13	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
KR2	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
KR4	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
KR5	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
KR6	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
KR8	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
KR9	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
KSW1	3404-001261	SWITCH-TACT;15V DC,20mA,100gf,7.4X7.95X1	
KSW2	3404-001261	SWITCH-TACT;15V DC,20mA,100gf,7.4X7.95X1	
KSW3	3404-001261	SWITCH-TACT;15V DC,20mA,100gf,7.4X7.95X1	
KSW5	3404-001261	SWITCH-TACT;15V DC,20mA,100gf,7.4X7.95X1	
KSW6	3404-001261	SWITCH-TACT;15V DC,20mA,100gf,7.4X7.95X1	
KSW7	3404-001261	SWITCH-TACT;15V DC,20mA,100gf,7.4X7.95X1	
KSW8	3404-001261	SWITCH-TACT;15V DC,20mA,100gf,7.4X7.95X1	
LED1	0601-001587	LED;ROUND,RED,3.1mm,635nm,3.8x5.2m	
LED2	0601-000497	LED;ROUND,GRN,3.1mm,565nm,3.8x5.2m	
LED3	0601-000402	LED;ROUND,YEL,3X4.0MM,585NM,-	
PBR11	3301-000297	BEAD-AXIAL;25ohm,3.6x1.2x5.7mm,,TP,,,	
PBS01	AC27-92001M	COIL-INDUCTOR;RH3.5X6.5RS,BEAD(RADIAL),-	⚠
PC1	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
PC3	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
PC4	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
PC5	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
PC6	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
PC8	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
PCD04	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6	
PCD06	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6	
PCD11	2305-001029	C-FILM,LEAD-PEF;10nF,10%,630V,TP,12x9x12	
PCD12	2201-000129	C-CERAMIC,DISC;0.1NF,10%,1KV,Y5P,TP,7X4M	
PCF01	2305-001021	C-FILM,LEAD-PEF;100nF,20%,275V,TP,17.5x7	
PCF02	2305-001021	C-FILM,LEAD-PEF;100nF,20%,275V,TP,17.5x7	⚠
PCF11	2401-002608	C-AL;33uF,20%,35V,GP,TP,5x11,5	
PCF20	2201-000379	C-CERAMIC,DISC;22NF,+80-20%,50V,Y5V,TP,9	
PCNS2	3711-000178	CONNECTOR-HEADER;1WALL,2P,1R,3.96mm,STRA	
PCS32	2301-000129	C-FILM,LEAD-PEF;100nF,5%,50V,TP,10X9X4.3	
PDF13	0402-001195	DIODE-RECTIFIER;F1T4,400V,1A,DO-204AC,TP	
PDS01	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	⚠
PDS02	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	⚠
PDS03	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	⚠
PDS04	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	⚠
PDS11	0402-000012	DIODE-RECTIFIER;UF4007,1KV,1A,DO-41,TP	
PDS31	0402-001195	DIODE-RECTIFIER;F1T4,400V,1A,DO-204AC,TP	
PDS33	0402-001194	DIODE-RECTIFIER;UG2D,200V,2A,-,TP	
PDS34	0402-001438	DIODE-RECTIFIER;SHK55-65,60V,3A,TO-220AC	
PDS51	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
PDS60	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
PE1	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
PE2	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
PE3	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
PE4	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
PE6	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
PEF12	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5	
PEF14	2401-002608	C-AL;33uF,20%,35V,GP,TP,5x11,5	
PER10	2401-003903	C-AL;82uF,20%,400V,-,BK,22x25mm,10	
PES31	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
PES33	2401-003059	C-AL;1000UF,20%,16V,WT,TP,10X16,5	
PES34	2401-000118	C-AL;1000uF,20%,10V,GP,TP,10x12.5,5	
PES51	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
PES52	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5	
PES54	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
PES57	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
PES58	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
PES59	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
PES60	2401-002095	C-AL;47uF,20%,25V,GP,TP,6.3x5,5	
PES61	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
PES62	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
PFD01	3601-001123	FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,CERAMI	
PIC1	1203-002730	IC-PWM CONTROLLER;ICE2B0565,PDIP,8P,9.52	
PIC11	1203-002779	IC-POSI.FIXED REG.;G952T63U,SOT-223,3P,6	
PICS1	0604-001028	PHOTO-COUPLER;TR,50-600%,250mW,DIP-4,ST	⚠
PICS2	AC14-12006D	IC;KA431Z,TO-92,TAPING	
PICS5	1203-002185	IC-POSI.FIXED REG.;3RD13,TO-220,4P,402MI	
PL1	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
PLS01	AC29-00003A	FILTER LINE NOISE;-,20mH MIN,-,-,-	⚠
PLS31	AC27-12001N	COIL CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-	
PPS12	2006-000273	R-CEMENT;27KOHM,5%,2W,CA,BK,6.4X6.5X18M	
PQS58	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
PQS59	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
PQS60	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T	
PQS61	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400mW,T0-9	
PQS62	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
PQS63	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
PR1	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
PR2	2001-000546	R-CARBON;270KOHM,5%,1/4W,AA,TP,2.4X6.4M	
PR3	2001-000546	R-CARBON;270KOHM,5%,1/4W,AA,TP,2.4X6.4M	
PR4	2001-000546	R-CARBON;270KOHM,5%,1/4W,AA,TP,2.4X6.4M	
PRD31	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
PRD32	2007-001157	R-CHIP;750ohm,5%,1/10W,TP,1608	
PRF10	2006-000262	R-CEMENT;2.7ohm,10%,2W,CB,TP,7.5x11x20.	
PRF11	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
PRF17	2001-000527	R-CARBON;22OHM,5%,1/8W,AA,TP,1.8X3.2MM	
PRF20	2003-000119	R-METAL OXIDE;0.68ohm,5%,2W,AE,TP,6x16mm	
PRS13	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
PRS32	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
PRS33	2007-000256	R-CHIP;1.6Kohm,1%,1/10W,TP,1608	
PRS34	2007-000491	R-CHIP;2.2KOHM,1%,1/10W,DA,TP,1608	
PRS52	2001-000325	R-CARBON;120OHM,5%,1/8W,AA,TP,1.8X3.2MM	
PRS55	2001-000062	R-CARBON;470OHM,5%,1/4W,AA,TP,2.4X6.4MM	

Loc.No	Part No	Description ; Specification	Remark
PRS56	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PRS60	2001-000325	R-CARBON;120OHM,5%,1/8W,AA,TP,1.8X3.2MM	
PRS61	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PTD1	AK26-00013A	TRANS SWITCHING;-,DVD-C639P,-,110V~240V,	⚠
PVA1	1405-000186	VARISTOR;470V,2500A,17.5x7.5mm,TP	⚠
PZD11	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500MW,DO	
PZS51	0403-000717	DIODE-ZENER;MTZJ5.1B,4.94-5.2V,500MW,DO-	
PZS52	0403-000717	DIODE-ZENER;MTZJ5.1B,4.94-5.2V,500MW,DO-	
PZS60	0403-001211	DIODE-ZENER;MTZJ12B,11.8-12.3V,500MW,DO-	
RC10	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC11	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC12	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC13	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC14	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC15	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC16	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC17	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC18	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	
RC19	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
RC2	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC20	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1608,-	
RC21	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1608,-	
RC22	2203-002041	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1608	
RC23	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1608,-	
RC24	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC25	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1608,-	
RC28	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC29	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC30	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC31	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC32	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC33	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC34	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,TP,1608,-	
RC35	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC36	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC37	2203-001662	C-CER,CHIP;5.6NF,10%,50V,X7R,TP,1608	
RC4	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC5	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RC6	2203-001103	C-CER,CHIP;6.8nF,10%,50V,X7R,TP,1608,-	
RC7	2203-001634	C-CER,CHIP;33nF,10%,50V,X7R,TP,1608,1.6m	
RC8	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,TP,1608	
RC9	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
RD1	0407-000116	DIODE-ARRAY;DAP202K,80V,100mA,CK2-3,SOT-	
RE1	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
RE2	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
RE5	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
RE6	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
RIC1	AK13-00005B	IC ASIC;SP3723CA0PM,EXINO2,64,5,+135,Q	
RL1	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
RL2	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
RL3	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
RQ1	0501-000279	TR-SMALL SIGNAL;KSA1182-Y,PNP,150mW,SOT-	
RQ2	0501-000279	TR-SMALL SIGNAL;KSA1182-Y,PNP,150mW,SOT-	
RR1	2007-000312	R-CHIP;10ohm,5%,1/4W,TP,3216	
RR10	2007-000234	R-CHIP;1.3Kohm,5%,1/10W,TP,1608	
RR11	2007-000234	R-CHIP;1.3Kohm,5%,1/10W,TP,1608	
RR12	2007-000234	R-CHIP;1.3Kohm,5%,1/10W,TP,1608	
RR13	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
RR14	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
RR15	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
RR16	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
RR17	2007-007549	R-CHIP;4.99Kohm,1%,1/10W,TP,1608	
RR18	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
RR2	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR3	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR4	2007-000312	R-CHIP;10ohm,5%,1/4W,TP,3216	
RR5	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
RR7	2007-000381	R-CHIP;13Kohm,5%,1/10W,TP,1608	
SCC1	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
SCC14	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
SCC15	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
SCC17	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,TP,1608	
SCC18	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,TP,1608	
SCC2	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
SCC3	2203-000236	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,1608	
SCC4	2203-000236	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,1608	
SCC49	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	
SCE49	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
SCE55	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
SCE70	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7,5	
SCE71	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7,5	
SCIC2	1204-002139	IC-AUDIO PROCESSOR;MM1508,SOT,6P,-,PLAST	
SCIC3	1204-001927	IC-AUDIO PROCESSOR;MM1501,SOT,6P,-,PLAST	
SCJ1	3722-001359	JACK-SCART;21P,-,SN,BLK,#20-28	
SCL1	2703-000125	INDUCTOR-SMD;10uH,10%,2012	
SCL2	2703-000125	INDUCTOR-SMD;10uH,10%,2012	
SCQ1	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
SCQ2	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
SCQ3	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
SCQ4	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
SCQ5	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
SCR1	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SCR15	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
SCR19	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
SCR2	2007-000120	R-CHIP;680ohm,5%,1/10W,TP,1608	
SCR20	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
SCR21	2007-000120	R-CHIP;680ohm,5%,1/10W,TP,1608	
SCR3	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SCR35	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
SCR36	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
SCR37	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
SCR38	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
SCR39	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
SCR4	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
SCR6	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
VC10	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VC11	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VC14	2203-000783	C-CER,CHIP;0.33NF,5%,50V,C0G,TP,1608	
VC17	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VC50	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VC6	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VC7	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VC8	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VC9	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
VD11	0403-001083	DIODE-ZENER;UDZ9.1B,8.85-9.23V,200MW,UMD	
VD12	0403-001083	DIODE-ZENER;UDZ9.1B,8.85-9.23V,200MW,UMD	
VE1	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
VE16	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
VE2	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
VE4	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
VE5	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
VE6	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
VE7	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
VIC1	1204-001978	IC-VIDEO PROCESS;LA73054,-,36P,-,SSOP,7V	
VR29	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
VR30	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
VR31	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
VR32	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
VR33	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
VR34	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
VR35	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
VZ1	0403-001083	DIODE-ZENER;UDZ9.1B,8.85-9.23V,200MW,UMD	

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Loc.No	Part No	Description ; Specification	Remark
VZ2	0403-001083	DIODE-ZENER;UDZ9.1B,8.85-9.23V,200MW,UMD	
ZC10	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC11	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC12	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC13	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZC14	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC15	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC16	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC17	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC18	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
ZC19	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
ZC2	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC20	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
ZC21	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
ZC22	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC23	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC24	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC25	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC26	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC27	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC28	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC29	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC3	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC30	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC31	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC32	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC33	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC34	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC35	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC36	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC37	2203-000552	C-CER,CHIP;0.02NF,5%,50V,C0G,TP,1608	
ZC39	2203-000552	C-CER,CHIP;0.02NF,5%,50V,C0G,TP,1608	
ZC4	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC40	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC41	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC42	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC43	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC44	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC45	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC46	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC47	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC48	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC5	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC6	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC7	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC78	2203-000384	C-CER,CHIP;0.015NF,5%,50V,C0G,TP,1608	
ZC8	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZC9	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,1608,-	
ZE1	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
ZE2	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
ZE3	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
ZE4	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
ZE5	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
ZE6	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
ZE7	2401-001479	C-AL;470UF,20%,10V,GP,TP,6.3*11MM,-	
ZIC1	1204-002195	IC-DECODER;ZR36762,PQFP,208P,28x28mm,PLA	
ZIC2	1105-001513	IC-DRAM;IS42S16400A-7T,1Mx16Bitx4Bit,T	
ZIC3	1107-001369	IC-FLASH MEMORY;29LV800,1Mx8/512Kx16,TSO	
ZIC5	1103-001204	IC-EEPROM;24C021,256x8,SOP,8P,5.13x3.95m	
ZL1	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
ZL2	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
ZL3	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
ZL4	3301-001419	BEAD-SMD;-,220,-,500,TP,-,0.3	
ZL5	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,150mA,,,,	
ZR10	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR11	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR12	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR13	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR14	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR15	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR16	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZR17	2007-007277	R-CHIP;392ohm,1%,1/10W,TP,1608	
ZR18	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR19	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR2	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR20	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR21	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
ZR22	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR23	2011-000816	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP	
ZR24	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
ZR26	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ZR27	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR28	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR3	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR35	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR36	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR38	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR4	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR46	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR47	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR48	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR49	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR50	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR54	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
ZR7	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
ZR8	3301-001309	BEAD-SMD;47ohm,1.6x0.8x0.8mm,500mA,TP,-	
ZR9	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	
ZY1	2801-003554	CRYSTAL-UNIT;27MHz,10ppm,28-AAM,12pF,40o	